



Structure and operation

The programmer PMD is used to set the slave address on magnetostrictive displacement transducers with profibus interface. Normally, the slave address for these transducers is set via the profibus with the aid of **Set_Slave_Add**. If master systems do not offer this standard service or it is not available on the customer's system, this operating tool can be used. The programmer is operated with 24 VDC, which are connected to the sensor.

Hexadecimal values are used for display and programming purposes. Programming is restricted to the permissible values 01 to 7E_{hex} (1 to 126). The address set on delivery is 7D_{hex} (125).

Technical data

- Supply voltage: 24 VDC
- Programmable addresses: 01...7E_{hex} (1...126)
- Dimensions (mm): L = ca. 80
W = ca. 55 / H = ca. 10

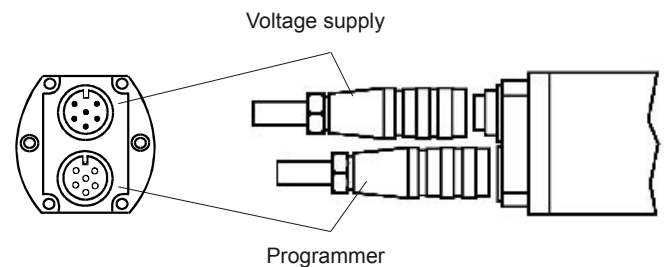
Order code

- PMD-01 With M16 connector
- PMD-02 With M12 connector

Operating instructions

1. Disconnect the bus connection and supply voltage from the transducer
2. Connect the profibus programmer to the transducer
3. Connect the supply voltage to the transducer (see table)
4. Read off the slave address on the display
5. If desired, select a new address and programme by pressing the buttons
6. Disconnect the voltage and leads again

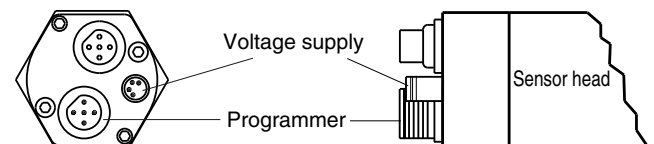
Connection of a version with M16 connector (PMD-01)



M16 connection voltage supply (mating connector soldered side)

Pin	Signal
1	not connected
2	not connected
3	not connected
4	not connected
5	+ 24 VDC
6	0 VDC

Connection of a version with M12 connector (PMD-02)



M8 connection voltage supply (mating connector terminal side)

Pin	Signal
1	+ UB (+24 VDC)
2	not assigned
3	- UB (0 VDC)
4	not assigned